

and in the matter of deciding what moneys are to be paid the decision of the Central Government shall be final AND upon making of such payment the above written obligation shall be void and of no effect.

Provided always that the liability of the Surety herein shall not be impaired or discharged by reason of time being granted or any forbearance or omission of the Central Government (whether with or without the knowledge and consent of the Surety) in enforcing the conditions of the above bond nor shall it be necessary for the Central Government to sue the Research Fellow before suing the surety for amounts that may become payable hereunder.

In witness whereof the parties herein have sent their respective hands this day and the year first above written.

Signed by the above bonded (1).....in the presence of.....

Director, National Sugar Institute, Kanpur.

Signed by the above bonded (2).....in the presence of.....

presence of.....  
Director, National Sugar Institute, Kanpur.  
Full Name and address of (1) and (2)

Accepted by

For and on behalf of President of India

S. D. UDHRAN, Under Secy.

(Department of Agriculture)

New Delhi, the 17th December 1958

No. 7-82/58-S. Cane Instt.—In pursuance of Bye Law XII (4) of the Bye-Laws of the Indian Central Sugarcane Committee, the accounts of receipts and expenditure of the Committee for the financial year 1957-58, together with the Auditor's Certificate thereon, are published for general information.

### INDIAN CENTRAL SUGARCANE COMMITTEE

Statement of Account for the year ending 31st March, 1958.

RECEIPTS			PAYMENTS		
	Rs.	Rs.		Rs.	Rs.
1. Opening balance on 1st April, 1957			1. Expenditure out of normal grant		
Bank .. .. .	3,15,493.07		(i) Administration of the Indian Central Sugarcane Committee (Schedule No. 1) .. .. .		2,28,840.60
Cash .. .. .	800.00	3,16,293.07	(ii) Miscellaneous		
2. Reserve Fund invested in Government Securities as on 1st April, 1957		15,00,000.00	(a) Bank Commission on realisation of interest on securities and loss on sale of securities .. .. .	9,556.06	
3. Outstanding advances on 1st April, 1957			(b) Purchase of cutter planter .. .. .	193.69	
(i) Indian Central Sugarcane Committee, New Delhi .. .. .	290.75		(c) Publication of Journal .. .. .	13,815.96	
(ii) Indian Institute of Sugar Technology, Kanpur .. .. .	654.66	945.41	(d) Biennial Conference .. .. .	3,910.87	
4. Normal Grant received from the Government of India for 1957-58		6,00,000.00	(e) Ad-Hoc Expert Sub-Committee .. .. .	32,472.81	
5. Development Grant received from the Government of India			(f) Fee for membership of the Indian Standard Institute for the year 1957-58 .. .. .	250.00	60.1
(i) Sugarcane Publicity Campaign .. .. .	62,000.00		(iii) Outstanding liabilities of the I.I.S.T. and I.I.S.R. Staff Lucknow .. .. .		3.0
(ii) All India Central Sugarcane Crop Competition Scheme .. .. .	5,000.00	67,000.00	(iv) Measures taken in connection with work on Research on Sugarcane and Gur and Khandani in India (Schedule No. 2)		
6. Refund by A. G., Punjab as unspent balance out of Development Grant towards Scheme of supply of disease free seed to the Cane Growers of frost affected areas of Himachal Pradesh .. .. .		3,256.75	(a) Sugarcane Research Schemes .. .. .	8,04,322.61	
7. Miscellaneous Receipts.			(b) Insect Pests Schemes .. .. .	42,108.16	
(i) Sale of I.C.S.C. Publications .. .. .	5,030.73		(c) Gur Research Schemes .. .. .	3,624.00	
(ii) Subscriptions and Advertisement charges for Journal .. .. .	1,812.78		(d) Scheme for assessing the Cost of Cultivation of Sugarcane .. .. .	1,08,349.30	9,58,404.07 12,50,495.4
(iii) Interest on securities and advances .. .. .	40,955.49		2. Expenditure out of Development grant.		
(iv) Sale of Bilari Property .. .. .	10,000.00		(i) Sugarcane Publicity Campaign .. .. .	62,046.86	
(v) Rent and Taxes realised .. .. .	1,951.00		(ii) All India Central Sugarcane Crop Competition Scheme .. .. .	5,042.78	67,099.64
(vi) Miscellaneous Receipts .. .. .	2,729.29	62,479.29	3. Balance of Development Grant for 1957-58 refunded .. .. .		1,26,096.7
8. Deposits towards the Cost of copies of films on Sugarcane and Gur to be supplied .. .. .		8,780.00	4. Advances outstanding on 31-3-1958 Indian Institute of Sugar Technology, Kanpur .. .. .		654.4
			5. Reserve Fund invested in Govt. securities on 31-3-1958 .. .. .		10,00,000.00
			6. Closing Balance		
			Bank .. .. .	1,13,608.08	
			Cash .. .. .	800.00	1,14,408.08
					Rs.25,58,754.52
					Rs.25,58,754.52

The account have been examined and according to the best of my information and in consideration of the explanation given as a result of Test Audit of the Accounts they are correct.

Sd/- H. C. MOHANTY,  
11-8-1958

Sd/ S. C. ROY,  
Superintendent,  
(Finance & Accounts),  
Indian Central Sugarcane Committee.

Sd/- P. P. CHANDRA,  
Secretary,  
Indian Central Sugarcane Committee.

## SCHEDULE I.

*Administration of the Indian Central Sugarcane Committee, 1957-58*

	Rs.	Rs.
1. Pay of Officers . . . . .		30,570.21
2. Pay of Establishment . . . . .		71,193.74
3. Allowances & Honoraria.		
(i) Dearness pay . . . . .	15,346.3	
(ii) Cost of living Allowances . . . . .	19,772.9	
(iii) House rent and Compensatory allowance . . . . .	12,423.0	47,542.82
(iv) T. A. of Members . . . . .	5,589.8	
(v) T. A. of Secretary and Staff . . . . .	10,879.7	
(vi) Medical allowance . . . . .	7,551.4	24,020.19
4. Contingencies . . . . .		45,706.64
5. Grant in aid contributions.		
Leave and Pensionary contributions . . . . .		5,768.00
Contributory Provident Fund Contribution . . . . .		6,039.00
TOTAL . . . . .		2,28,840.60

## SCHEDULE No. II

*Statement showing the Expenditure for 1957-58.*

## SUGARCANE RESEARCH SCHEMES.

*Central Schemes*

	Rs.
1. Crop weather scheme . . . . .	18,724
2. Research on Diseases of Sugarcane at Indian Agricultural Research Institute, New Delhi . . . . .	16,680

*Uttar Pradesh.*

3. Central Sugarcane Research Station, Shahjahanpur . . . . .	1,63,416
4. Intensification of Sugarcane Research Scheme . . . . .	10,140

*Madras.*

5. Establishment of Sugarcane Research Sub-Station, Trichy . . . . .	1,300
6. Sugarcane Research Station, Cuddalore . . . . .	22,500
7. Sugarcane Research Sub-Station, Gudiyattam. . . . .	4,800

*Bihar.*

8. Central Sugarcane Research Station, Pusa . . . . .	1,75,080
9. Investigation and control of wilt diseases of sugarcane Scheme, Pusa . . . . .	9,730
10. Agricultural Research Institute, Patna . . . . .	25,695

*Punjab.*

11. Sugarcane Research Scheme, Jullundur . . . . .	89,345
12. Scheme for control of Gurdaspur Borer & top Borer, Punjab . . . . .	1,09,041.61

*Orissa.*

13. Sugarcane Research Scheme, Bhubaneswar . . . . .	15,719
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*Andhra Pradesh.*

14. Sugarcane Research Scheme, Rudrur . . . . .	6,261
15. Sugarcane Research Scheme, Anakapalle . . . . .	41,670

*West Bengal.*

16. Sugarcane Research Scheme, Burdwan . . . . .	2,846
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*Bombay.*

17. Sugarcane Research Scheme, Padegaon . . . . .	57,595
18. Scheme for Establishment of Regional Research Stations at Kulhapur & Gujrat . . . . .	863

*Assam.*

19. Sugarcane Research Scheme, Jorhat . . . . .	16,767
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*Madhya Pradesh.*

20. Sugarcane Research Scheme (Bhopal Region) . . . . .	8,044
21. Sugarcane Research Scheme (Madhya Bharat Region) . . . . .	8,106

TOTAL . . . . . 8,04,322.61

## INSECT PESTS SCHEMES.—

	Rs.
1. Uttar Pradesh . . . . .	5,554
2. Madras . . . . .	6,585
3. Bombay . . . . .	8,850
4. Bihar . . . . .	6,407
5. Punjab . . . . .	3,347
6. West Bengal . . . . .	..
7. Andhra Pradesh . . . . .	2,950
8. Hyderabad. (Andhra Pradesh) . . . . .	6,442
9. Co-ordination of Insect Pests Schemes reports at I.I.S.R., Lucknow . . . . .	1,973.16
	42,108.16

## GUR RESEARCH SCHEMES.—

	Rs.	Rs.
<i>Orissa.</i>		
1. Scheme for study of Gur manufacture & Storage . . . . .	1,532	
<i>Bihar.</i>		
2. Scheme for Research aiming at improvement of Gur Industry . . . . .	767	
<i>Madras.</i>		
3. Scheme for Gur manufacture & Storage . . . . .	1,325	3,624·00

## COST OF CULTIVATION SCHEME—

1. Bihar . . . . .	31,151	
2. Andhra . . . . .	7,204	
3. U.P. . . . .	42,700	
4. Punjab . . . . .	5,560	
5. Bombay . . . . .	6,600	
6. Head Quarters Office, New Delhi . . . . .	15,034·30	1,08,349·30

## INDIAN CENTRAL SUGARCANE COMMITTEE

Indian Central Sugarcane Committee Contributory Provident Fund Balance Sheet as on 31st March, 1958

Liabilities	Amount	Assets	Amount
1	2	3	4
<i>Subscriber Credit Balance</i>	<i>Rs.</i>	<i>Advance to members</i>	<i>Rs.</i>
Own subscription including interest, less refunds . . . . .	90,670·00	Balance as per last year's balance sheet . . . . .	1506·00
Committee's Contribution including interest, less refunds . . . . .	85,853·19	Add Advance made during the year 1957-58 . . . . .	810·00
Lapse & Forfeiture Account . . . . .	4,688·25		
Interest adjustment account . . . . .	6,714·88		
Excess Deposit . . . . .	2·00		
		Less Recovery during the year . . . . .	1375·00
		Interest accrued on National Savings Certificates upto 31st March, 1958 . . . . .	23,720·00
		Pending deposits . . . . .	6,738·12
		Investments (at cost) . . . . .	1,29,200·00
		Balance on the 31st March, 1957 at various post offices as per schedule No. 5 . . . . .	27,330·20
TOTAL . . . . .	1,87,929·32	TOTAL . . . . .	1,87,929·32

Sd. S.C. ROY,  
Supdt. (F.A.)Sd. P. P. CHANDRA,  
Secretary—13-6-58  
Indian Central Sugarcane Committee.

The accounts have been examined and according to the best of my information and in consideration of the explanation given as a result of Test Audit of the accounts and subject to my comments given in Inspection Report, they are correct.

Sd. H. C. MOHANTI,  
11-8-58.

## INDIAN CENTRAL SUGARCANE COMMITTEE

Indian Central Sugarcane Committee Contributory Provident Fund Accounts for 1957-58

RECEIPTS				PAYMENTS
Particulars	Amount	Particulars	Amount	
	Rs.		Rs.	
Opening Balance . . . . .	1,52,804·19	Subscription refunded (Schedule No. 4) . . . . .	5,135·00	
Subscription realised during the year (Schedule No. 1) . . . . .	11,866·00	Contribution refunded		
Contribution made during the year (Schedule No. 2) . . . . .	16,261·00	Refunded to the Subscribers (Schedule No. 4) . . . . .	2,095·00	
Recovery of Advance (Schedule No. 1) . . . . .	1,375·00	Transferred to lapse and forfeiture account. (Schedule No. 4) . . . . .	404·00	
Interest credit (Schedule No. 2) . . . . .	4,750·00	Refund to State Govt. (Schedule No. 4) . . . . .	449·50	
Interest received on advances (Schedule No. 1) . . . . .	180·00	Refund to I.C.S.C. (Schedule No. 4) . . . . .	101·50	2,750·00
Interest adjustment account . . . . .		Advances made (Schedule No. 3) . . . . .		810·00
Excess of interest in hand as per last year's balance sheet . . . . .	Rs. 28,724·31	Refund of interest		
Interest earned during the year from the post office . . . . .	387·45	Refunded to subscriber (Schedule No. 4) . . . . .	2,941·00	
Interest earned on certificates accrued upto 31st March, 1958 23,720·00		Refunded to State Govt. & I.C.S.C. (Schedule No. 4) . . . . .	4·00	
Last accounted for in the last year's balance sheet . . . . .	21,365·00	Transferred to lapse and forfeiture account (Schedule No. 4) . . . . .	15·00	2,960·00
	2,355·00	Interest accrued on certificates . . . . .		23,720·00
	11,466·76	Pending deposits (Schedule No. 4) . . . . .		6,738·12
Less interest credited (Schedule No. 2) . . . . .	4,750	National Savings Certificates . . . . .		1,29,200·00
Commission paid . . . . .	1·88	Closing balance (Schedule No. 5) . . . . .		27,330·20
Lapse and Forfeiture Account . . . . .	4,751·88			
Excess deposits . . . . .	4,688·25			
Return of unrefunded balance . . . . .	2·00			
TOTAL . . . . .	1,98,643·32	TOTAL . . . . .	1,98,643·32	

Sd. S.C. ROY,  
(Supdt. Fin. & Acct.)  
Indian Central Sugarcane Committee.Sd. P. P. CHANDRA,  
Secretary,  
Indian Central Sugarcane Committee.

New Delhi, the 24th December 1958

No. F.7(84)/58-Scane Instt.—In exercise of the powers conferred by clause (1) of paragraph 3 of the Government of India in the Ministry of Food & Agriculture Resolution No. F.7-32/53-Com.I, dated the 24th December, 1953, the Government of India are pleased to nominate Shri M. Lal, I.C.S., Joint Secretary, Ministry of Food & Agriculture (Department of Agriculture), as President of the Indian Central Sugarcane Committee, in addition to his own duties, with effect from the 15th December, 1953, *vice* Shri T. C. Puri, I.C.S.

S. D. UDHRAIN, Under Secy.

(Department of Agriculture)

#### RESOLUTION

New Delhi, the 19th December 1958

No. 1-6/58-Soil Cons. (PI).—In view of enforcement of the revised arrangements for budgeting and financial control, the Government of India have decided that the Deputy Financial Adviser under the Ministry of Food & Agriculture or his representative will now serve as financial representative on the Central Soil Conservation Board.

2. This Ministry's Resolution No. 1-11/54-Soil Cons. dated 24/30-11-54 is hereby cancelled.

B. D. KAPUR, Under Secy.

(Department of Agriculture)

#### CORRIGENDUM

New Delhi, the 22nd December 1958

No. 27-74/56-L.S.—For para 2(3) of this Ministry Resolution of even number, dated the 17th August, 1956, please read "Shri K. Sachidanandam, Deputy Financial Adviser, Ministry of Food & Agriculture (Deptt. of Agriculture) or his representative" for "Joint Secretary to the Government of India, Ministry of Finance (Agriculture Division) or his representative".

Ordered that a copy of this corrigendum be communicated to the Government of U.P., Punjab, and Delhi State, all Ministries of the Government of India, the Deputy Financial Adviser, Ministry of Food & Agriculture (Deptt. of Agriculture), Cabinet Sectt., Prime Minister's Sectt., Lok Sabha Sectt., Rajya Sabha Sectt., the Private and Military Secretaries to the President, Planning Commission, the Comptroller and Auditor General of India, the Accountant General, Central Revenues, the Pay & Accounts Officer, Ministry of Food and Agriculture, the Indian Council of Agricultural Research, the Director General of Health Services, and the Chief Engineer, Central Public Works Department.

Ordered also that this corrigendum be published in the Gazette of India for general information.

D. RAMIAH, Under Secy.

(Department of Agriculture)

(Indian Council of Agricultural Research)

#### RESOLUTION

New Delhi, the 22nd December 1958

No. 4-44/57-Com.III.—The Government of India have been considering the question of giving representation to the mesta growers of the Andhra Pradesh State on the Indian Central Jute Committee, as that State produces the bulk of mesta, which is largely used in the jute industry. It has now been decided to amend the Late Department of Education, Health & Lands Resolution No. F.254/34/A, dated the 28th May, 1936 (as amended from time to time) in order to provide representation to the mesta growers of the Andhra Pradesh State. Accordingly, Clause (8) of para 3 of the said Resolution is hereby amended, with immediate effect, so as to read as follows:—

"(8) Sixteen representatives of the Jute/mesta growers to be nominated by the Government of India in consultation with the State Governments as under:—

- (i) Andhra Pradesh—one.
- (ii) Assam—three.
- (iii) Bihar—four.
- (iv) Orissa—two.
- (v) U.P.—one.
- (vi) West Bengal—five.

Ordered that the Resolution be published in the Gazette of India for general information.

J. S. BALI, Dy. Secy.

### MINISTRY OF SCIENTIFIC RESEARCH AND CULTURAL AFFAIRS

New Delhi, the 22nd December 1958

No. 22(20)/55-SR.II.—The Radio Research Committee referred to in the Notification No. 22(6)/53-SR. II, dated the 9th March, 1954 issued by the late Ministry of Natural Resources and Scientific Research continued to work as the National Committee in India for the International Scientific Radio Union beyond 31st March, 1956.

2. The revised constitution of the Radio Research Committee hereafter will be as follows:—

Chairman.

1. Dr. K. S. Krishnan, F.R.S., Director, National Physical Laboratory, New Delhi.

Members

2. Prof. K. Sreenivasan, Head of Deptt. of Electrical Communication Engineering Indian Institute of Science, Bangalore-3.
3. Prof. S. K. Mitra, F.R.S., University College of Science, 92, Upper Circular Road, Calcutta-9.
4. Shri A. C. Ramchandani, Chief Engineer, All India Radio, New Delhi.
5. Dr. M. B. Sarwate, Adviser-Wireless, Planning & Coordination, Ministry of Transport & Communications, New Delhi.
6. Dr. K. R. Ramanathan, Director, Physical Research Laboratory, Ahmedabad-9.
7. Prof. S. V. Chandrasekhar Aiyar, Principal, L.D. College of Engineering, Ahmedabad.
8. Dr. D. S. Kothari, Scientific Adviser to the Ministry of Defence, New Delhi.
9. The Chairman, Joint Communications Electronics Committee, Cabinet Sectt. (Military Wing), New Delhi.
10. Shri B. V. Baliga, Managing Director, Bharat Electronics (Private) Ltd., Bangalore.
11. The Director, Central Electronics Engineering Research Institute, Pilani, (Rajasthan).
12. Shri S. Myageri (Representative of Radio Mfr's Association), C/o. M/s Murphy Radio of India Ltd., Dr. Shirodhker Road, Opp. Hospital Avenue, Parel, Bombay.
13. The Director, Indian Standards Institution, Manak Bhawan, 9, Mathura Road, New Delhi.
14. Prof. S. P. Chakravarti, Principal, Govt. Engineering College, Jabalpur.
15. Dr. A. S. Rao, Deputy Chief Scientific Officer, Atomic Energy Establishment, Apollo Pier Road, Bombay.
16. Dr. B. N. Singh, P. Sc. o (Air) H.Q. Defence Research & Development Organisation Secretariat Electronics Development Panel D.H.Q., P.O., New Delhi.

(Ex-officio)—Member

17. The Director General, Scientific & Industrial Research, New Delhi.

The reconstituted Committee will continue to work as the National Committee in India for the International Scientific Radio Union up to the 31-3-1959.

M. M. MALHOTRA, Under Secy.

### MINISTRY OF TRANSPORT & COMMUNICATIONS

(Department of Transport)

(Transport Wing)

New Delhi, the 24th December, 1958.

No. 6-MT(38)/58.—In pursuance of paragraph 5 of the scheme for the administration of the Merchant Seamen's Amenities Fund, published with the notification of the late Ministry of Commerce, No. 30-MII(7)/49 dated the 27th August 1949 and in partial modification of the notification of the Ministry of Transport & Communications (Department of Transport) No. 6-MT(38)/58 dated the 22nd September 1958, the Central Government hereby nominates Capt. K. R. Nair, I.N. as a Member of the General Committee for the management and administration of the Merchant Seamen's Amenities Fund, *vice* Capt. D. St. J. Cameron, I.N. resigned.

J. V. DASS, Under

## (Department of Transport)

## (Transport Wing)

## RESOLUTION

## PORTS

New Delhi, the 22nd December 1958

No. 9-C-PG(120)/58.—The Government of India have received the Administration Report of the Port of Calcutta for the year 1957-58. The noteworthy features of the Report are the following:—

## (1) FINANCIAL RESULTS

The revenue receipts of the Port Commissioners for the year under review were Rs. 12,75,80,916 as against Rs. 10,86,61,288 in the previous year.

The expenditure for the year amounted to Rs. 11,19,52,424 as compared to Rs. 9,59,88,125 in the previous year. The year ended with a surplus of Rs. 1,56,28,492 thanks to increased income from goods, vessels and the Railway.

The balance in the Revenue Reserve Fund as on the 31st March 1958 amounted to Rs. 5.25 crores. The Fire Insurance Fund had a closing balance of Rs. 69.96 lakhs and the balance in the Vessels Replacement Fund Rs. 144 lakhs.

During the year under review the Port Commissioners took a loan of Rs. 15 crores from Government, for financing Capital Works covered by the Second Five Year Plan. A contribution of Rs. 1 crore was also made to the Capital Account from the Revenue surplus of the year under review.

## (2) TRAFFIC

The total tonnage of imports and exports which passed through the Port during the year was, imports 5,515,768 and exports 4,540,573, as against the corresponding import and export figures of 4,352,958 and 4,516,252, respectively, in the year 1956-57. There was thus an increase of 1,287,137 tons or about 14.51% in the total trade passing through the Port as compared with the previous year.

The tonnage of the imports and exports of some of the important commodities handled during the years 1956-57 and 1957-58 are given below:—

Commodities	1956-57		1957-58	
	Imports (Tons)	Exports (Tons)	Imports (Tons)	Exports (Tons)
Foodgrains.	720,675	12,418	1,111,069	1,970
Salt . . .	418,913	256	465,833	180
Sugar . . .	69	28,267	..	89,287
Manure . . .	9,607	16,730	59,293	12,418
Cement . . .	51,790	136	182,068	..
Coal . . .	..	1,992,066	..	2,042,782
Bunker Coal . . .	..	113,752	..	96,558
Gunnies . . .	14,796	936,912	11,700	917,615
Tea . . .	1,472	189,186	302	142,608
Scrap . . .	..	125,329	..	39,258
Ores . . .	..	773,538	..	986,642
Iron & Steel . . .	780,400	11,406	839,258	9,599

The number of passengers who embarked from, and disembarked at the Port was 14,467 and 17,276, respectively.

## (3) LABOUR

The labour situation in the Port during the first half of the year was somewhat unsettled but the position improved appreciably in the latter half. The following figures reveal the general improvement in output during 1957-58 as compared with 1956-57.

The average rate of discharge per ship per day in the case of general imports was as follows:—

Nationality of vessels	Average discharge in tons	
	1957-58	1956-57
U.K. Vessels . . .	390	280
U.S.A. Vessels . . .	573	273
Continental Vessels . . .	559	304
Far Eastern Vessels . . .	440	322
Coastal Vessels . . .	474	214
Other Vessels . . .	549	386

In the case of foodgrains the average rate of discharge per ship per day worked out to 1403 tons as against 1184 tons during the previous year.

The average rate of loading per ship per day in the case of general exports excluding coal was as follows:—

Nationality of Vessels	Average loading in tons	
	1957-58	1956-57
U.K. Vessels . . .	353	337
U.S.A. . . . .	412	344
Continental Vessels . . .	349	260
Far Eastern Vessels . . .	320	314
Coastal Vessels . . .	384	318
Other Vessels . . .	399	343

In the case of coal exports, the average rate of loading per ship per day worked out to 967 tons as against 867 tons during the previous year.

## (4) SHIPPING

The number of vessels that entered the Port during the year was 1593 as against 1383 in the previous year and the total gross tonnage increased from 8,562,955 to 10,103,581. The deepest draft ship to enter the Port was the S.S. 'Great Falls Victory' drawing 28'10" forward and 24'2" aft and the deepest draft ship to leave the Port was the S.S. 'Indian Resolve' drawing 27'2" forward and 27'1" aft.

In the Port Approaches, the Rangafalla Channel controlled the draft of ships for 336 days as against 23 during the previous year. The Eastern Gut controlled the draft of ships for 26 days as against 55 days during the previous year, Ninan for 2 days and Royapur for 1 day as against 113 days and 31 days respectively during the previous year. The controlling bars were thus below Diamond Harbour for 336 days as against 23 days during the previous year and this was due to the deterioration during the year of the Balari/Rangafalla channels.

The draft allotted to ships during the year suffered a slight set back owing to the deterioration of the Balari/Rangafalla channels.

## (5) RIVER MODEL EXPERIMENTS

Experiments for improving the river conditions in the King George's Dock lock entrance were completed during the year. Experiments for improving the Balari/Rangafalla channels, were continued. A view model of the river from Sevarupganj to Balari has also been set up with a view to study the effects of the varying quantities of upland discharge on the regime of the river.

## (6) HOOGLY PILOTAGE

The income from Pilotage during the year was Rs. 37,22,734 and the expenditure Rs. 37,87,401 showing a small deficit of Rs. 64,667. To cover the deficit, a sum of Rs. 50,000 was appropriated from the Revenue Reserve Fund (Pilotage) to the Revenue Balance Account in which there was a balance of Rs. 37,809, brought forward from the previous year.

## (7) PORT CHARGES

There were no major increases in Port charges during the year.

## (8) CAPITAL WORKS

The expenditure during the year on Capital Works amounted to Rs. 2.34 crores.

The important items on which Capital expenditure exceeding Rs. one lakh each, was incurred during the year were the following:—

Name of Work	Sanctioned Estimate	Expenditure incurred upto end of 1957-58
	Rs.	Rs.
1. Mechanical Coal Loading Plant at No. 18 Berth, Kidderpore Docks . . .	47,31,904	43,47,289
2. Reclamation of land surrounding King George's Dock . . . . .	1,18,52,414	88,84,230
3. Construction of a new Suction Dredger 'Bhagirathi' . . . . .	1,50,00,000	1,34,92,535

Name of Work	Sanctioned Estimate	Expenditure incurred upto end of 1957-58	Name of Work	Sanctioned Estimate	Expenditure incurred upto end of 1957-58
	Rs.	Rs.		Rs.	Rs.
4. Purchase of two additional Dock Tugs . . . . .	35,00,000	24,98,880	15. Development of 'B' Berth into a General Cargo Berth and conversion of 'C' Berth into an Oil Berth . . . . .	86,70,000	49,63,258
5. Purchase of four launches for River Survey work . . . . .	20,00,000	10,74,875	16. Development of No. 5 Berth into a mechanical ore berth . . . . .	11,60,000	13,23,147
6. Purchase of two light vessels to replace 'Metcor' and 'Star' . . . . .	46,83,660	42,32,798	17. Development of 'D' Berth into a General Cargo Berth . . . . .	1,00,00,000	67,54,582
7. Construction of a launch for Port (Pilotage) Officer . . . . .	5,00,000	4,28,981	18. Improvement of water supply to Shipping . . . . .	59,58,000	1,58,586
8. River Training Works at Fulta-Hooghly Point Reach . . . . .	5,50,00,000	3,31,206			
9. Purchase of 300 'CR' Type Wagons and 100 'O' type trucks . . . . .	56,00,000	55,37,089			
10. Purchase of 21 locomotives . . . . .	72,70,000	43,78,676			
11. Construction of 3000 units of quarters at Taratolla for class IV staff . . . . .	1,35,00,000	1,27,33,736			
12. Improvement of berths Nos. 22—26 Kidderpore Docks . . . . .	23,00,000	19,47,851			
13. Improvement of water supply to Kidderpore Docks . . . . .	10,00,000	4,40,004			
14. Purchase of a 200 ton electric crane, development of a heavy lift yard at No. 1 Berth K.G.D. . . . .	52,33,610	34,61,559			

## (9) PORT DEVELOPMENT

During the year under review, the International Bank for Reconstruction and Development visited the Calcutta Port and the prospects of getting foreign aid for financing the schemes of the Port brightened. The Commissioners accordingly revised their Second Five Year Plan with a view to provide for much needed additional mechanical equipment and additional facilities and the total Plan cost rose from Rs. 19.88 crores to Rs. 31.13 crores.

## (10) ACKNOWLEDGEMENT

The Port Commissioners performed another year of useful work despite difficult conditions and Government view with appreciation the achievement of the Port Commissioners during the year under review.

NAKUL SEN, Joint Secy.